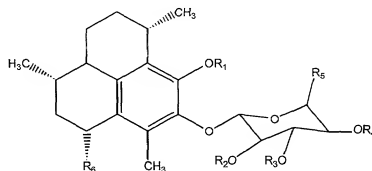


# ANTI-INFLAMMATORY COMPOUNDS DERIVED FROM PSEUDOPTEROGORGIA ELISABETHAE

## Abstract

Methods for treating, preventing, or inhibiting diseases and disorders associated with inflammation, cell-proliferation, and pain comprising the administration of a compound having the structural formula



wherein R<sub>1</sub> is a hydrogen, alkyl, aryl, hydroxyalkyl, cycloalkyl, cycloalkenyl, carboxylic acid, alkylamino or amide group having from 2 to 20 carbon atoms, R<sub>2</sub>, R<sub>3</sub>, and R<sub>4</sub> are each independently hydrogen or an acyl residue having from 1 to 6 carbon atoms, R<sub>5</sub> is hydrogen, CH<sub>3</sub>, or CH<sub>2</sub>OH, and R<sub>6</sub> is an organo group such as a hydrocarbon having from 1 to 10 carbon atoms are disclosed. Other seco-pseudopterოსins and compounds related to pseudopterოსins are disclosed.